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PTO/SB/21 (12-97)
Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|---------------|
| | | Application Number | 09/493,601 |
| | | Filing Date | 1/28/00 |
| | | First Named Inventor | Edward Dennis |
| | | Group Art Unit | 1652 |
| | | Examiner Name | Saidha, T. |
| Total Number of Pages in This Submission | | Attorney Docket Number | UCSD 0-078-2 |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers <i>(for an Application)</i> | <input type="checkbox"/> After Allowance Communication to Group |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> To Convert a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) <i>(please identify below):</i> |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Small Entity Statement | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application | <input type="checkbox"/> Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Sequence Text and Floppy disc | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|-------------------------------|-------------------------|--------|
| Firm or Individual name | FUESS & DAVIDENAS | |
| Signature | <i>William C. Fuess</i> | 30,054 |
| Date | 6/17/03 | |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

| | | |
|-----------------------|-------------------------|---------|
| Typed or printed name | Joseph Davidenas | |
| Signature | <i>Joseph Davidenas</i> | Date |
| | | 6/17/03 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<210> 2
<211> 230
<212> PRT
<213> *Homo sapiens*

<400> 2

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1 5 10 15

Ala Arg Lys Ala Thr Ala Ala Val Ile Phe Leu His Gly Leu Gly Asp
20 25 30

Thr Gly His Gly Trp Ala Glu Ala Phe Ala Gly Ile Arg Ser Ser His
35 40 45

Ile Lys Tyr Ile Cys Pro His Ala Pro Val Arg Pro Val Thr Leu Asn
50 55 60

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Asn | Val | Ala | Met | Pro | Ser | Trp | Phe | Asp | Ile | Ile | Gly | Leu | Ser | Pro |
| 65 | | | | | 70 | | | | | | 75 | | | | 80 |

Asp Ser Gln Glu Asp Glu Ser Gly Ile Lys Gln Ala Ala Glu Asn Ile
85 90 95

Lys Ala Leu Ile Asp Gln Glu Val Lys Asn Gly Ile Pro Ser Asn Arg
100 105 110

Ile Ile Leu Gly Gly Phe Ser Gln Gly Gly Ala Leu Ser Leu Tyr Thr
115 120 125

Ala Leu Thr Thr Gln Gln Lys Leu Ala Gly Val Thr Ala Leu Ser Cys
130 135 140

Trp Leu Pro Leu Arg Ala Ser Leu Pro Gln Gly Pro Ile Gly Gly Ala
 145 150 155 160

Asn Arg Asp Ile Ser Ile Leu Gln Cys His Gly Asp Cys Asp Pro Leu
165 170 175

Val Pro Leu Met Phe Gly Ser Leu Thr Val Glu Lys Leu Lys Thr Leu
 180 185 190

Val Asn Pro Ala Asn Val Thr Phe Lys Thr Tyr Glu Gly Met Met His
 195 200 205

Ser Ser Cys Gln Gln Glu Met Met Asp Val Lys Gln Phe Ile Asp Lys
210 215 220

Leu Leu Pro Pro Ile Asp
225 226

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 650.00)

Complete If Known

| | |
|----------------------|---------------|
| Application Number | 09/493,601 |
| Filing Date | 1/28/00 |
| First Named Inventor | Edward Dennis |
| Examiner Name | Saidha, T. |
| Group / Art Unit | 1652 |
| Attorney Docket No. | UCSD0-078-2 |

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

| | |
|--|---|
| Deposit Account Number | [Redacted] |
| Deposit Account Name | [Redacted] |
| <input type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 | <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance |

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------------|----------------------------|--|----------|
| 105 | 130 | Surcharge - late filing fee or oath | |
| 127 | 50 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | Non-English specification | |
| 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | Extension for reply within first month | |
| 116 | 400 | Extension for reply within second month | |
| 117 | 950 | Extension for reply within third month | |
| 118 | 1,510 | Extension for reply within fourth month | |
| 128 | 2,060 | Extension for reply within fifth month | |
| 119 | 310 | Notice of Appeal | |
| 120 | 310 | Filing a brief in support of an appeal | |
| 121 | 270 | Request for oral hearing | |
| 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | Petition to revive - unavoidable | |
| 141 | 1,320 | Petition to revive - unintentional | 650.00 |
| 142 | 1,320 | Utility issue fee (or reissue) | |
| 143 | 450 | Design issue fee | |
| 144 | 670 | Plant issue fee | |
| 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | Petitions related to provisional applications | |
| 126 | 240 | Submission of Information Disclosure Stmt | |
| 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 790 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 790 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| Other fee (specify) _____ | | | |
| Other fee (specify) _____ | | | |
| SUBTOTAL (1) (\$ 0) | | SUBTOTAL (3) (\$ 650.00) | |
| Reduced by Basic Filing Fee Paid | | | |

SUBMITTED BY

| | | |
|-----------------------|------------------|--------------------------|
| Typed or Printed Name | William C. Fuess | Complete (if applicable) |
| Signature | William C. Fuess | Reg. Number 30,054 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.